

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 1293-D9E8TW
Issue Date: June 10, 2025

Whistle Bear Golf Club Inc.
1316 Dickie Settlement Road
Cambridge, ON N3H 4R8

Site Location: 1316 Dickie Settlement Road
Township of North Dumfries, ON N3H 4R8

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

the expansion, upgrades, usage and operation of the Works for the treatment of sanitary sewage and subsurface disposal of treated effluent, rated at a Maximum Daily Flow of 52,000 litres per day, at the above site location and consisting of the following:

PROPOSED WORKS

One (1) sewage system servicing the Golf Clubhouse, rated at Maximum Daily Flow of 52,000 litres per day, consisting of the following:

Moving Bed Biofilm Reactor Sewage Treatment System

Primary Treatment Unit

- one (1) 57,800 litre Sludge Storage Tank, receiving sewage from the existing two (2) 21,700 litre flow equalization pump tanks, recirculated effluent from a Moving Bed Biofilm Reactor chamber (Bioreactor #2), and sludge returns from intermediate clarifier, secondary clarifier and final clarifier;
- one (1) primary clarifier, having an effective volume of 22,700 litre and a surface area of 11.2 square metres, discharging effluent into a Moving Bed Biofilm Reactor chamber (Bioreactor #1);

Secondary Treatment Unit

- one (1) aerobic carbon reduction chamber (Bioreactor #1), having an effective volume of 21,800 litre and a surface area of 11.2 square metres, equipped with 9,000 litre of plastic carrier media and a fine-bubble aeration system consisting of one (1) FPZ model SCL R40-MD-4-3 4-horsepower timer-operated blower, one (1) ASI model DOGB-0003 optical dissolved oxygen sensor, MRB20 diffusers, and a carbon-filtered vent, receiving effluent from primary clarification and discharging to one (1) intermediate clarifier;
- one (1) intermediate clarifier, having an effective volume of 15,300 litre and a surface area of 11.2 square metres, equipped with three sloped-walled hoppers, a skimmer, and four (4) Goulds model LSP0311F 0.33-horsepower timer-operated sludge return pumps (75 litres per minute at 4.5 metre total dynamic head (TDH)), receiving effluent from Bioreactor #1 and discharging to a second Moving Bed Biofilm Reactor chamber (Bioreactor #2);
- one (1) aerobic nitrification chamber (Bioreactor #2), having an effective volume of 21,800 litre and a surface area of 11.2 square metres, also utilizing 9,000 litre of plastic carrier media and the same aeration system as Bioreactor #1, and including one (1) Goulds model LSP0311F 0.33-horsepower effluent recirculation pump (75 litres per minute at 4.5 metre TDH) for pre-anoxic denitrification, receiving effluent from the intermediate clarifier and discharging to one (1) secondary clarifier;
- one (1) secondary clarifier, having an effective volume of 8,300 litres and a surface area of 7.6 square metres, equipped with two sloped-walled hoppers, a skimmer, and three (3) Goulds model LSP0311F 0.33-horsepower timer-operated sludge return pumps (75 litres per minute at 4.5 metre TDH), receiving effluent from Bioreactor #2 and discharging to an anoxic post-denitrification chamber;

Tertiary Denitrification Treatment Unit

- one (1) anoxic post-denitrification chamber, having an effective volume of 9,100 litre and equipped with 4,200 litre of plastic carrier media (surface area of 500 square metres per cubic metre), receiving effluent from secondary clarification through a slotted-screen and a MicroC-2000 liquid carbon injection system supplied via one (1) ProMinent model CNPb-1601 demand-operated metering pump located in the control shed (with associated storage and containment tanks), mixed using one (1) FPZ model SCL K03-MS-1-115/230 NP 1-horsepower timer-operated blower with coarse-bubble Tideflex model TFA 0.75 diffusers, and one (1) Goulds model LSP0311F 0.33-horsepower timer-operated recirculation pump (75 litres per minute at 4.5 metre TDH) with a slotted-screen intake, and discharging into one (1) aerobic residual carbon reduction chamber;
- one (1) aerobic residual carbon reduction chamber, having an effective volume of 6,700 litre and equipped with 2,200 litre of plastic carrier media, aerated via one (1) FPZ model SCL K03-MS-1-115/230 NP 1-horsepower blower with MRB20 fine-bubble diffusers, receiving

effluent from anoxic post-denitrification and discharging to one (1) tertiary clarifier;

- one (1) tertiary clarifier, having an effective volume of 5,700 litre and a surface area of 5.9 square metres, equipped with two sloped-walled hoppers and three (3) Goulds model LSP0311F 0.33-horsepower timer-operated sludge return pumps (75 litres per minute at 4.5 metre TDH), receiving effluent from the aerobic residual carbon reduction chamber and discharging to the effluent pump tank;

Effluent Pump Tank

- one (1) effluent pump tank, having a working capacity of 13,300 litre, equipped with duplex demand-operated pumps, each rated at 1 horsepower and 3,000 litres per cycle, discharging through a 75-millimetre diameter forcemain at a flow rate of 200 litres per minute and a total dynamic head (TDH) of 20.5 metre, constructed of precast concrete and including a high-level alarm system for pump activation and deactivation, with two (2) access risers exposed at the ground surface for maintenance and servicing, discharging into a Type A dispersion bed at a dosing rate of 3,000 litres per dose;

Treated Effluent Subsurface Disposal

- one (1) in-ground Type A Dispersal Bed, having a total length of 946.0 metre, divided into two (2) cells, each cell consisting of 22 runs of 21.5 metre long, 75 millimetre diameter distribution pipes, constructed on a 300 millimetre thick imported sand layer having a percolation time of at least 6 minutes per centimetre and not more than 10 minutes per centimetre, including not more than 5% fines passing through a 0.074 millimetre (No. 200) sieve; the system includes a stone area of 1,218 square metres (2 cells x 609 square metres) and a sand fill area of 1,218 square metres (2 cells x 609 square metres), with a 3 metre distance between the two beds and a 1.2 metre distance between distribution pipes.

EXISTING WORKS

One (1) sewage system servicing the Golf Clubhouse, rated at Maximum Daily Flow of 52,000 litres per day, consisting of the following:

- two (2) grease traps, to pre-treat the wastes from the kitchen only;

One (1) sewage system servicing a Driving Range, rated at Maximum Daily Flow of 150 litres per day, comprising of the following:

- one (1) 3,600 litre capacity septic tank equipped with an effluent filter on the outlet pipe discharging to the subsurface disposal bed; and
- one (1) in-ground absorption trench leaching bed having an area of 48 square metres constructed with four (4) runs of 10 metre long perforated pipes in stone trenches spaced 1.6 metre apart;

One (1) sewage system servicing the Maintenance Building, rated at Maximum Daily Flow of 1,250 litres per day, comprising of the following:

- one (1) 4,500 litre septic tank equipped with an effluent filter, directing flow to the filter bed; and
- one (1) in-ground filter leaching bed with distribution pipe length of 18.4 meter four (4) runs of 4.6 meter length pipe and a sand filter of 27.8 square meters;

One (1) sewage system servicing a 5-bedroom single family dwelling, rated at Maximum Daily Flow of 4,350 litres per day, comprising of the following:

- one (1) 9,100 litre capacity septic tank equipped with an effluent filter and flow divider, directing the flow to two (2) in-ground filter leaching bed; and
- two (2) in-ground filter leaching beds having an area of 100 square metres constructed with six (6) runs of 5.8 metre long perforated pipes in each cell.

TO BE DECOMMISSIONED

One (1) sewage system servicing the Golf Clubhouse, rated at Maximum Daily Flow of 15,000 litres per day, consisting of the following:

- one (1) proprietary package sewage treatment unit (Norweco Wastewater Treatment System) rated at 15,000 litres per day, that functions in a similar manner to a septic tank with some aeration for odour abatement;
- one (1) 22,500 litre capacity precast concrete septic tank utilized as a dosing chamber equipped with two (2) duplex timer-controlled submersible pumps, each pump rated at 1.25 litres per second discharging via a forcemain and a distribution box to the subsurface disposal system;
- one (1) 4,500 litre capacity grit separation tank discharging to the flow equalization tank;
- two (2) 27,000 litre capacity flow equalization tanks connected in parallel equipped with a duplex sewage pump system discharging to the sewage treatment unit;
- one (1) subsurface disposal system comprising of an in-ground absorption trench having four (4) cells, each cell with eight (8) 24.4 meter long runs of perforated piping in trench; and

all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned Works;

all in accordance with the submitted supporting documents listed in **Schedule A**.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Annual Average Concentration" is the mean of all Single Sample Results of the concentration of a contaminant in the effluent sampled or measured during a calendar year;
2. "Approval" means this entire Environmental Compliance Approval and any Schedules attached to it;
3. "BOD5" (also known as TBOD5) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demands;
4. "CBOD5" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;
5. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
6. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;
7. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
8. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
9. "Grab Sample" or "Grab" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;
10. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;
11. "Maximum Daily Flow" (also referred to as Peak Daily Flow Rate or Maximum Day Flow) means the largest volume of flow to be received during a one-day period for which the sewage treatment process unit or equipment is designed to handle;
12. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
13. "Normal Operating Condition" means the condition when all unit process(es), excluding Preliminary Treatment System, in a treatment train is operating within its design capacity;
14. "OBC" means the Ontario Building Code, Ontario Regulation 163/24 (Building Code) as amended to January 1, 2025, made under the *Building Code Act*, 1992, S.O. 1992, c. 23;
15. "Operating Agency" means the Owner, person or the entity that is authorized by the Owner for the management, operation, maintenance, or alteration of the Works in accordance with this Approval;
16. "Owner" means Whistle Bear Golf Club Inc., including any successors and assignees;
17. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40;
18. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
19. "Single Sample Result" means the test result of a parameter in the effluent discharged on any day, as measured by a probe, analyzer or in a composite or grab sample, as required;
20. "Works" means the approved sewage works, and includes Proposed Works and Existing Works.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.
3. Where there is a conflict between a provision of any document referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.
4. The issuance of, and compliance with the conditions of this Approval does not:
 - a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the Works; or
 - b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. CHANGE OF OWNER AND OPERATING AGENCY

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within **thirty (30) days** of the change occurring:
 - a. change of address of Owner;
 - b. change of Owner, including address of new owner;
 - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act, R.S.O. 1990, c. B.17* shall be included in the notification;
 - d. change of name of the corporation and a copy of the most current information filed under the *Corporations Information Act, R.S.O. 1990, c. C.39* shall be included in the notification.

2. The Owner shall notify the District Manager, in writing, of any of the following changes within **thirty (30) days** of the change occurring:
 - a. change of address of the Operating Agency;
 - b. change of the Operating Agency, including address of the new Operating Agency.
3. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner in writing, of the existence of this Approval, and forward a copy of the notice to the District Manager.
4. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

3. CONSTRUCTION OF PROPOSED WORKS

1. All Proposed Works in this Approval shall be constructed and installed and must commence operation within **five (5) years** of issuance of this Approval, after which time the Approval ceases to apply in respect of any portions of the Works not in operation. In the event that the construction, installation and/or operation of any portion of the Proposed Works is anticipated to be delayed beyond the time period stipulated, the Owner shall submit to the Director an application to amend the Approval to extend this time period, at least six (6) months prior to the end of the period. The amendment application shall include the reason(s) for the delay and whether there is any design change(s).
2. Upon completion of construction of the Proposed Works, the Owner shall prepare and submit a written statement to the District Manager, certified by a Licensed Engineering Practitioner, that the Proposed Works is constructed in accordance with this Approval.
3. The Owner shall ensure that the construction of the Proposed Works is supervised by a Licensed Engineering Practitioner.
4. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.
5. The Owner shall ensure that an imported soil that is required for construction of any subsurface disposal bed as per this Approval is tested and verified by the Licensed Engineering Practitioner for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.
6. The Owner shall ensure that the iQ Moving Bed Biofilm Reactor Sewage Treatment System is installed in accordance with the manufacture's installation manual.
7. One (1) week prior to commencement of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start-up date.
8. Within six (6) months of the Proposed Works being Commissioned, the Owner shall prepare a

statement, certified by a Licensed Engineering Practitioner, that the Proposed Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.

9. Within six (6) months of the Proposed Works being Commissioned, the Owner shall prepare a set of as-built drawings showing the Works “as constructed”. "As-built" drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the site for the operational life of the Works and shall be made available for inspection by Ministry staff.

4. DESIGN OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Sewage Treatment Plant in accordance with the following objectives:
 - a. The design objectives of final effluent parameters listed in the table(s) included in **Schedule B** are met, prior to discharging into the Type A Dispersal Bed; and
 - b. The daily treatment flow is not exceeding the Maximum Daily Flow of the Works 52,000 litres per day for Golf Clubhouse, 150 litres per day for Driving Range, 1,250 litres per day for Maintenance Building, 4,350 litres per day for a single family dwelling.

5. COMPLIANCE LIMITS

1. The Owner shall operate and maintain the Works such that the compliance limits of final effluent parameters listed in the table included in **Schedule C** are met for the final effluent, prior to discharging into the Type A Dispersal Bed.

6. OPERATION AND MAINTENANCE

1. The Owner shall ensure that, at all times, the Works and the related equipment and appurtenances used to achieve compliance with this Approval are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate staffing and training, including training in all procedures and other requirements of this Approval and the OWRA and relevant regulations made under the OWRA, process controls and alarms and the use of process chemicals and other substances used in the Works.
2. The Owner shall prepare/update the operations manual for the Works within **six (6) months** of completion of construction of the Proposed Works, that includes, but not necessarily limited to, the following information:
 - a. operating procedures for the Works under Normal Operating Conditions;
 - b. inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary;

- c. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
 - d. procedures for the inspection and calibration of monitoring equipment;
 - e. operating procedures for the Works to handle situations outside Normal Operating Conditions and emergency situations such as a structural, mechanical or electrical failure, or an unforeseen flow condition;
 - f. a spill prevention control and countermeasures plan, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the Spills Action Centre (SAC) and District Manager; and
 - g. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
3. The Owner shall, upon completion of construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology or its authorized agent. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.
 4. The Owner shall ensure that grass-cutting is maintained regularly over the subsurface disposal bed(s), and that adequate steps are taken to ensure that the area of the underground Works is protected from vehicle traffic.
 5. The Owner shall visually inspect the general area where Works are located for break-out **once every month** during the operating season.
 6. In the event a break-out is observed from a subsurface disposal bed, the Owner shall do the following:
 - a. sewage discharge to that subsurface disposal bed shall be discontinued;
 - b. the incident shall be **immediately** reported verbally to the Spills Action Centre (SAC) at (416) 325-3000 or 1-800-268-6060;
 - c. submit a written report to the District Manager within **one (1) week** of the break-out;
 - d. access to the break-out area shall be restricted until remedial actions are complete;
 - e. during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to the environment; and
 - f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.
 7. The Owner shall ensure the grease interceptors be cleaned out **at least twice per year**, or more

frequently as determined by the Works operator, for removal of fats, oil and grease from the kitchen wastewater.

8. The Owner shall employ for the overall operation of the Works a person who possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.
9. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this Approval.

7. MONITORING AND RECORDING

1. The Owner shall, upon commencement of operation of the Works, carry out a scheduled monitoring program of collecting samples at the required sampling points, at the frequency specified or higher, by means of the specified sample type and analyzed for each parameter listed in the tables under the monitoring program included in **Schedule D** and record all results, as follows:
 - a. all samples and measurements are to be taken at a time and in a location characteristic of the quality and quantity of the sewage stream over the time period being monitored.
 - b. definitions and preparation requirements for each sample type are included in document referenced in Paragraph 2.b.
 - c. definitions for frequency:
 - i. Monthly means once every month;
 - ii. Quarterly means once every three months;
2. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
 - a. the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended;
 - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
 - c. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
 - d. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b and 2.c, the written approval of the District Manager shall be obtained prior to sampling.
3. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal bed, including but not limited to water/wastewater

flow meters, event counters, running time clocks, or electronically controlled dosing, and shall record the daily volume of effluent being discharged to the subsurface disposal bed.

4. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

8. REPORTING

1. The Owner shall report to the District Manager orally **as soon as possible** any non-compliance with the compliance limits specified in Condition 5, and in writing within **seven (7) days** of non-compliance.
2. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the EPA, the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.
3. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
4. The Owner shall prepare performance reports on a calendar year basis and submit to the District Manager in an electronic format by **March 31** of the calendar year following the period being reported upon. The reports shall contain, but shall not be limited to, the following information pertaining to the reporting period:
 - a. a summary and description of efforts made and results achieved in meeting the effluent objectives of (Condition 4);
 - b. a summary and interpretation of all monitoring data and a comparison to the effluent limits (Condition 5) including an overview of the success and adequacy of the Works, and a contingency plan in the event of non-compliance with the effluent limits;
 - c. a review and assessment of the performance of the Works, including all treatment units and subsurface disposal bed;
 - d. a description of any operating problems encountered and corrective actions taken for all Works located at the property;
 - e. a record of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property including but not limited to: records of maintenance inspections for the treatment system, records of septic tank effluent filters cleaning, records of septic tank pump-outs, records of sludge pump-outs accumulated from the treatment system, records of visual inspections of all subsurface disposal systems;

- f. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- g. a summary and interpretation of all daily flow data and results achieved in not exceeding the Maximum Daily Flow discharged into the subsurface disposal system;
- h. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- i. a summary of all spill or abnormal discharge events; and
- j. any other information the District Manager requires from time to time.

9. DECOMMISSIONING OF UN-USED SEPTIC SYSTEMS

1. The Owner shall properly abandon any portion of unused existing septic systems, as directed below, and upon completion of decommissioning, report in writing to the District Manager:
 - a. any sewage pipes leading from building structures to unused sewage system components shall be disconnected and capped;
 - b. any unused septic tanks, holding tanks and pump chambers shall be completely emptied of its content by a licensed hauler and either be removed, crushed and backfilled, or be filled with granular material; and
 - c. if the area of the existing leaching bed is going to be used for the purposes of construction of a replacement bed or other structure, all distribution pipes and surrounding material must be removed by a licensed hauler and disposed off site at an approved waste disposal site; otherwise the existing leaching bed may be abandoned in place after disconnecting, if there are no other plans to use the area for other purposes.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 regarding general provisions is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted.
2. Condition 2 regarding change of Owner and Operating Agency is included to ensure that the Ministry records are kept accurate and current with respect to ownership and Operating Agency of the Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
3. Condition 3 regarding construction of Proposed Works is included to ensure that the Works are constructed in a timely manner so that standards applicable at the time of Approval of the Works are still applicable at the time of construction to ensure the ongoing protection of the environment, and that prior to the commencement of construction of the portion of the Works that are approved in principle only, the Director will have the opportunity to review detailed design drawings, specifications and an engineer's report

containing detailed design calculations for that portion of the Works, to determine capability to comply with the Ministry's requirements stipulated in the terms and conditions of the Approval, and also ensure that the Works are constructed in accordance with the Approval and that record drawings of the Works "as constructed" are updated and maintained for future references.

4. Condition 4 regarding design objectives is imposed to establish non-enforceable design objectives to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.
5. Condition 5 regarding compliance limits is imposed to ensure that the Final Effluent discharged from the Works to the environment meets the Ministry's effluent quality requirements.
6. Condition 6 regarding operation and maintenance is included to require that the Works be properly operated, maintained, funded, staffed and equipped such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. As well, the inclusion of a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the Owner. Such a manual is an integral part of the operation of the Works. Its compilation and use should assist the Owner in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for Ministry staff when reviewing the Owner's operation of the Works.
7. Condition 7 regarding monitoring and recording is included to enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives and compliance limits.
8. Condition 8 regarding reporting is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for this Approval.
9. Condition 9 regarding decommissioning of un-used septic systems is included to ensure that any components of un-used swage systems are properly decommissioned.

Schedule A

1. Environmental Compliance Approval Application for a Private Sewage Works submitted and signed by Emilio Cabral, President of Whistle Bear Golf Club Inc., dated June 4, 2024 and received on June 24, 2024, and all supporting documentation and information.
2. Design Brief- Onsite Wastewater System for Existing Clubhouse Whistle Bear Golf Club, dated June 13, 2024, including calculations and engineering drawings, prepared by Flow Spec Engineering Ltd.

Schedule B

Effluent Objectives

For the final effluent from the Effluent Pump Tank, prior to discharging into the Type A Dispersal Bed.

Final Effluent Parameter	Averaging Calculator	Concentration Objectives (maximum unless otherwise indicated)
Total Suspended Solids	Single Sample Result	10 mg/L*
CBOD5	Single Sample Result	10 mg/L
Total Inorganic Nitrogen	Single Sample Result	<8 mg/L

* Note: mg/L means milligrams per litre.

Schedule C

Effluent Compliance Limits

For the final effluent from the Effluent Pump Tank, prior to discharging into the Type A Dispersal Bed.

Final Effluent Parameter	Averaging Calculator	Concentration Limits (maximum unless otherwise indicated)
Total Suspended Solids (TSS)	Single Sample Result	20 mg/L*
CBOD5	Single Sample Result	20 mg/L
Total Inorganic Nitrogen**	Annual Average Concentration	8 mg/L

* Note: mg/L means milligrams per litre.

** Note: Total Inorganic Nitrogen (TIN) = the sum of Nitrate Nitrogen, Nitrite Nitrogen, and Total Ammonia Nitrogen (TAN).

Schedule D

Monitoring Plan

Table D-1 Influent Monitoring/ Raw Sewage Monitoring

Sample Location	Sludge Storage Tank
Minimum Frequency	Quarterly
Sample Type	Grab
Sample Parameters	BOD5, Total Suspended Solids (TSS), Total Ammonia Nitrogen (TAN), Total Kjeldahl Nitrogen (TKN), pH

Table D-2 Effluent Monitoring

Sample Location	Effluent Pump Tank prior to discharge to the leaching bed
Minimum Frequency	Monthly
Sample Type	Grab
Sample Parameters	CBOD5, Total Suspended Solids, Total Inorganic Nitrogen

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal within 15 days after receipt of this notice, require a hearing by the Tribunal. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

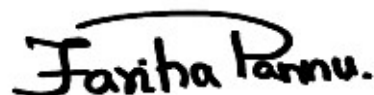
and

The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act*.

DATED AT TORONTO this 10th day of June, 2025



Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

FH/
c: District Manager, MECP Guelph District Office
David Morlock, Flowspec Engineering Ltd.